



**ID-Only Regulated Provider Information Disclosure Requirements  
Information Templates  
for  
Schedules 1–13**

Company name	Northpower Fibre Limited
Disclosure Date	31 August 2023
Disclosure Year (year ended)	31 March 2023

Templates for Schedules 1–13  
Template Version 2. Prepared 28 July 2022

**Workbook Version History**

Workbook Version and Date	Determination
v1, 30 November 2021	Fibre ID Determination 2021 [2021] NZCC 24
v2, 28 July 2022	Fibre ID Amendment Determination 2022 [2022] NZCC 26

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## **Disclosure Template Instructions**

These templates have been prepared for use by ID-only regulated providers when making disclosures under clauses 2.4.1, 2.4.2, and 2.4.3 of the main body of the determination.

### ***Company name and Dates***

To prepare the templates for disclosure, the regulated provider's company name should be entered in cell C8, the date of the last day of the current disclosure year should be entered in cell C12, and the date on which the information is disclosed should be entered in cell C10 of the CoverSheet worksheet.

The cell C12 entry (current year) is used to calculate disclosure years in the column headings that show above some of the tables and in labels adjacent to some entry cells. It is also used to calculate the 'For disclosure year ended' date in the template title blocks (the title blocks are the light green shaded areas at the top of each template).

The cell C8 entry (company name) is used in the template title blocks.

Dates should be entered in day/month/year order (Example "31 December 2021").

### ***Data Entry Cells and Calculated Cells***

Data entered into this workbook may be entered only into the data entry cells. Data entry cells are the bordered, unshaded areas (white cells) in each template. Under no circumstances should data be entered into the workbook outside a data entry cell.

In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell.

### ***Validation Settings on Data Entry Cells***

To maintain a consistency of format and to help guard against errors in data entry, some data entry cells test keyboard entries for validity and accept only a limited range of values. For example, entries may be limited to a list of category names, to values between 0% and 100%, or either a numeric entry or the text entry "N/A". Where this occurs, a validation message will appear when data is being entered. These checks are applied to keyboard entries only and not, for example, to entries made using Excel's copy and paste facility.

### ***Conditional Formatting Settings on Data Entry Cells***

Schedule 4 cells N97:P125 and N127 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

### ***Inserting Additional Rows and Columns***

The templates for some Schedules may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. Column A Schedule references should not be entered in additional rows, and should be deleted from additional rows that are created by copying and pasting rows that have Schedule references.

Additional rows must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals.

Schedules 4a and 5a may require new cost or asset category rows to be inserted in the allocation change tables. Accordingly, cell protection has been removed from rows 106 and 107 of Schedule 4a and rows 83 and 84 of Schedule 5a to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5a(iii) are: Select Excel rows 76:82, copy, select Excel row 84, insert copied cells. Similarly, for table 4a(ii): paste copied cells to row 107.

### ***Schedule References***

The references labelled 'ref' in the leftmost column of each template can be used to reference individual rows of the template. It may be useful to refer to a row when writing explanatory notes about a specific data point.

### ***Description of Calculation References***

Calculation cell formulas contain links to other cells within the same template or elsewhere in the workbook. Key cell references are described in a column to the right of each template. These descriptions are provided to assist data entry. Cell references refer to the row of the template and not the Schedule reference.

### ***Worksheet Completion Sequence***

Calculation cells may show an incorrect value until precedent cell entries have been completed. Data entry may be assisted by completing the Schedules in the following order:

## Commerce Commission Information Disclosure Template

1. Coversheet
  2. Schedules 2a, 3
  3. Schedules 4a, 5a
  4. Schedules 5,6
  5. Schedule 8, 2
  6. Schedule 4
  7. Schedule 7
  8. Schedules 1, 9
  9. All remaining Schedules
-

Company name **Northpower Fibre Limited**  
 For disclosure-year ended **31 March 2023**

**SCHEDULE 1: REPORT ON ID FFLAS RETURN ON INVESTMENT (ID-ONLY REGULATED PROVIDER)**

This Schedule requires information on the Return on Investment (ROI) relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. ID-only regulated providers must provide explanatory comment on their ROI in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

	CY-2 31 Mar 21 %	CY-1 31 Mar 22 %	Current Year CY 31 Mar 23 %
<b>1(i): Return on Investment</b>			
<b>ROI – comparable to a post-tax WACC</b>			
Reflecting all revenue earned		12.21%	12.06%
Mid-point estimate of post-tax WACC		5.54%	5.94%
<b>ROI – comparable to a vanilla WACC</b>			
Reflecting all revenue earned		12.53%	12.42%
Mid-point estimate of vanilla WACC		5.86%	6.30%
Standard error		1.31%	0.0131
<b>1(ii): Information Supporting the ROI</b>			
		(\$000)	
Opening RAB value		87,740	
Operating revenue		15,538	
Expenditure	5,741		
add Assets commissioned	5,923		
less Asset disposals	-		
add Tax payments	-		
less Other regulated income	191		
Mid-year net cash outflows		11,473	
Term credit spread differential allowance		-	
Total closing RAB value	94,618		
less Adjustment resulting from asset allocation	-		
Closing RAB value		94,618	
<b>ROI – comparable to a vanilla WACC</b>			12.42%
Leverage (%)			29%
Cost of debt assumption (%)			4.45%
Corporate tax rate (%)			28%
<b>ROI – comparable to a post-tax WACC</b>			12.06%

Company name **Northpower Fibre Limited**  
 For disclosure-year ended **31 March 2023**

**SCHEDULE 2: REPORT ON REGULATORY PROFIT**

This Schedule requires information on the calculation of regulatory profit for ID-only regulated providers for the disclosure year, including providing explanatory comment on their regulatory profit in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

7	<b>2(i): Regulatory Profit</b>	<b>(\$000)</b>
8	Regulatory income	
9	Operating revenue	15,538
10	plus Gains / (losses) on asset disposals	
11	plus Other regulated income (other than gains / (losses) on asset disposals)	191
12		
13	<b>Total regulatory income</b>	<b>15,729</b>
14	<b>Expenditure</b>	
15	less Operating expenditure	5,657
16		
17	less Pass-through costs	84
18		
19	<b>Operating surplus / (deficit)</b>	<b>9,988</b>
20		
21	less Total Depreciation	4,877
22		
23	plus Total Revaluations	5,833
24		
25	<b>Regulatory profit / (loss) before tax</b>	<b>10,944</b>
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	-
30		
31	<b>Regulatory profit/(loss)</b>	<b>10,944</b>
32		
33	<b>2(ii): Pass-through Costs</b>	<b>(\$000)</b>
34	Pass through costs	
35	Rates	
36	Telecommunications Act levies - sections 11,12	
37	Telecommunications Act levies - sections 87,88	84
38	Dispute resolution scheme levies	
39	<b>Pass-through costs</b>	<b>84</b>
40		
41	<b>2(iii): Merger and Acquisition Expenditure</b>	
42		<b>(\$000)</b>
43	Merger and acquisition expenditure	
44		
45	<i>Provide commentary on the benefits of merger and acquisition expenditure to the regulated provider, including required disclosures in accordance with Schedule 14A (Mandatory Explanatory Notes)</i>	
46		
47		
48		
49		



Company name **Northpower Fibre Limited**  
 For disclosure-year ended **31 March 2023**

**SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD**

This Schedule requires information on the calculation of the ID FFLAS Regulatory Asset Base (RAB) value to the end of each disclosure year. This informs the ROI calculation in Schedule 1.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

	RAB CY-4 (\$000)	RAB CY-3 (\$000)	RAB CY-2 (\$000)	RAB CY-1 (\$000)	RAB CY (\$000)
<b>4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)</b>					
Total opening RAB value				85,249	87,740
less Depreciation				1,196	4,877
plus Revaluations				1,519	5,833
plus Assets commissioned				2,184	5,923
less Asset disposals				16	-
less Adjustment to loss asset due to deregulation				-	-
plus Adjustment resulting from asset allocation				-	-
Total closing RAB value	-	-	-	87,740	94,618

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
<b>4(ii): Unallocated Regulatory Asset Base</b>				
Total opening RAB value		87,740		87,740
less Depreciation		4,877		4,877
plus Revaluations		5,833		5,833
plus Assets commissioned (other than below)	403		403	
Assets acquired from a regulated supplier	-			
Assets acquired from a related party	5,520		5,520	
Assets commissioned		5,923		5,923
less Asset disposals (other than below)	-			
Asset disposals to a regulated supplier	-			
Asset disposals to a related party	-			
Asset disposals		-		-
less Adjustment to loss asset due to deregulation				-
plus Adjustment resulting from asset allocation				-
Total closing RAB value		94,618		94,618



Company name **Northpower Fibre Limited**  
 For disclosure-year ended **31 March 2023**

**SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD**

This Schedule requires information on the calculation of the ID FFLAS Regulatory Asset Base (RAB) value to the end of each disclosure year. This informs the ROI calculation in Schedule 1. ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

\* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide FFLAS services without any allowance being made for the allocation of costs to services provided by the supplier that are not FFLAS services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.

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52

**4(iii): Calculation of Revaluation Rate and Revaluation of Assets**

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55  
56  
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CPI <sub>t</sub>	1,218
CPI <sub>t-1</sub>	1,142
Revaluation rate (%)	6.65%

60  
61  
62  
63  
64  
65  
66

Total opening RAB value  
 less Opening value of fully depreciated and disposed assets  
 Total opening RAB value subject to revaluation  
**Revaluations**

Unallocated RAB *		RAB	
(\$000)	(\$000)	(\$000)	(\$000)
87,740		87,740	
95		95	
87,644		87,644	
	5,833		5,833

**4(iv): Roll Forward of Works Under Construction**

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69  
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72  
73  
74  
75  
76

**Works under construction—preceding disclosure year**  
 plus Capital expenditure  
 less Assets commissioned  
 plus Adjustment resulting from asset allocation  
**Works under construction - current disclosure year**  
 Highest rate of capitalised finance applied

Unallocated works under construction		Allocated works under construction	
	764		764
8,173		8,173	
5,923		5,923	
	3,015		3,015

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**SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD**

This Schedule requires information on the calculation of the ID FFLAS Regulatory Asset Base (RAB) value to the end of each disclosure year. This informs the ROI calculation in Schedule 1. ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule in Schedule 14A (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

**4(v): Regulatory Depreciation**

	Unallocated RAB * (\$000)	RAB (\$000)
Depreciation - GAAP	4,877	4,877
Depreciation - alternative method		
<b>Total depreciation</b>	<b>4,877</b>	<b>4,877</b>

**4(vi): Disclosure of Changes to Depreciation Methods**

(\$000 unless otherwise specified)

Asset category or assets with changes to depreciation*	Reason for change of method (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'alternative method' depreciation	Closing RAB value under 'GAAP' depreciation

\* include additional rows if needed

**4(vii): Disclosure by Asset Category**

Layer 1 assets	Opening RAB value	Less depreciation	Plus revaluations	Plus assets commissioned	Less asset disposals	Plus asset allocation adjustment	Plus asset category transfers	Total	Weighted average remaining asset life	Weighted average expected total life
	Ducts and Manholes	13,900	442	925	215	-	-	-	14,599	33
Fibre Optic Cable	23,852	1,203	1,587	639	-	-	-	24,875	22	27
Fibre Service Leads	32,292	1,267	2,149	4,037	-	-	-	37,211	27	31
Poles	-	-	-	-	-	-	-	-	-	-
FTTN / FTTP Cabinets	1,009	91	67	4	-	-	-	989	9	16
Network Equipment	535	36	36	99	-	-	-	634	17	20
Information Technology	-	-	-	-	-	-	-	-	-	-
Other Layer 1 assets	-	-	-	-	-	-	-	-	-	-
<b>Total Layer 1 closing RAB value</b>	<b>71,588</b>	<b>3,040</b>	<b>4,764</b>	<b>4,994</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>78,306</b>		

Layer 2 assets	Opening RAB value	Less depreciation	Plus revaluations	Plus assets commissioned	Less asset disposals	Plus asset allocation adjustment	Plus asset category transfers	Total	Weighted average remaining asset life	Weighted average expected total life
	FTTN / FTTP Cabinets	-	-	-	-	-	-	-	-	-
Network Equipment	3,377	1,236	218	834	-	-	-	3,194	4	6
Information Technology	312	81	21	95	-	-	-	346	4	5
Other Layer 2 assets	50	15	3	-	-	-	-	38	3	5
<b>Total Layer 2 closing RAB value</b>	<b>3,738</b>	<b>1,333</b>	<b>242</b>	<b>929</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,577</b>		



Company name **Northpower Fibre Limited**  
 For disclosure-year ended **31 March 2023**

**SCHEDULE 4a: REPORT ON ASSET ALLOCATIONS**

This Schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

*sch ref*

		Value allocated (\$000s)		
		ID-FFLAS	Non-FFLAS	Total
7	<b>4a(i): Regulated Service Asset Values</b>			
8	<b>NETWORK ASSETS - LAYER 1</b>			
9	<b>Ducts and Manholes</b>			
10	Directly attributable	14,599		
11	Not directly attributable			
12	<b>Total attributable to regulated service</b>	14,599	-	-
13	<b>Fibre Optic Cable</b>			
14	Directly attributable	24,875		
15	Not directly attributable			
16	<b>Total attributable to regulated service</b>	24,875	-	-
17	<b>Fibre Service Leads</b>			
18	Directly attributable	37,211		
19	Not directly attributable			
20	<b>Total attributable to regulated service</b>	37,211	-	-
21	<b>Local Access Copper Cable (Poles)</b>			
22	Directly attributable	-		
23	Not directly attributable			
24	<b>Total attributable to regulated service</b>	-	-	-
25	<b>FTTN/FTTP Cabinets</b>			
26	Directly attributable	989		
27	Not directly attributable			
28	<b>Total attributable to regulated service</b>	989	-	-
29	<b>Network Equipment</b>			
30	Directly attributable	634		
31	Not directly attributable			
32	<b>Total attributable to regulated service</b>	634	-	-
33	<b>Information Technology</b>			
34	Directly attributable	-		
35	Not directly attributable			
36	<b>Total attributable to regulated service</b>	-	-	-
37	<b>Other Layer 1 assets</b>			
38	Directly attributable	-		
39	Not directly attributable			
40	<b>Total attributable to regulated service</b>	-	-	-
41				
42	<b>NETWORK ASSETS - LAYER 2</b>			
43	<b>FTTN/FTTP Cabinets</b>			
44	Directly attributable	-		
45	Not directly attributable			
46	<b>Total attributable to regulated service</b>	-	-	-
47	<b>Network Equipment</b>			
48	Directly attributable	3,194		
49	Not directly attributable			
50	<b>Total attributable to regulated service</b>	3,194	-	-
51	<b>Information Technology</b>			
52	Directly attributable	346		
53	Not directly attributable			
54	<b>Total attributable to regulated service</b>	346	-	-
55	<b>Other Layer 2 assets</b>			
56	Directly attributable	38		
57	Not directly attributable			
58	<b>Total attributable to regulated service</b>	38	-	-
59				
60	<b>OTHER NETWORK ASSETS</b>			
61	<b>Network land and buildings</b>			
62	Directly attributable	21		
63	Not directly attributable			
64	<b>Total attributable to regulated service</b>	21	-	-
65	<b>Other network assets</b>			
66	Directly attributable	-		
67	Not directly attributable			
68	<b>Total attributable to regulated service</b>	-	-	-
69				
70	<b>NON-NETWORK ASSETS</b>			
71	<b>Non-network land and buildings</b>			
72	Directly attributable	-		
73	Not directly attributable			
74	<b>Total attributable to regulated service</b>	-	-	-
75	<b>Non-network IT hardware/software</b>			
76	Directly attributable	-		
77	Not directly attributable			
78	<b>Total attributable to regulated service</b>	-	-	-
79	<b>Other non-network assets</b>			
80	Directly attributable	1		
81	Not directly attributable			
82	<b>Total attributable to regulated service</b>	1	-	-

Company name **Northpower Fibre Limited**  
 For disclosure-year ended **31 March 2023**

**SCHEDULE 4a: REPORT ON ASSET ALLOCATIONS**

This Schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

*sch ref*

83				
84	Regulated service asset value directly attributable	81,906		
85	Regulated service asset value not directly attributable	-	-	-
86	Financial loss asset	12,713		12,713
87	Total closing RAB value	94,618	-	-
88				

**4a(ii): Changes in Asset Allocations\* †**

		(\$000)		
			CY-1	Current Year (CY)
91	<b>Change in asset value allocation 1</b>			
92	Asset category			
93	Original allocator or line items	Original allocation		
94	New allocator or line items	New allocation		
95		Difference	-	-
96	Rationale for change			

		(\$000)		
			CY-1	Current Year (CY)
100	<b>Change in asset value allocation 2</b>			
101	Asset category			
102	Original allocator or line items	Original allocation		
103	New allocator or line items	New allocation		
104		Difference	-	-
105	Rationale for change			

		(\$000)		
			CY-1	Current Year (CY)
109	<b>Change in asset value allocation 3</b>			
110	Asset category			
111	Original allocator or line items	Original allocation		
112	New allocator or line items	New allocation		
113		Difference	-	-
114	Rationale for change			

\* a change in asset allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.  
 † include additional rows if needed

Company name

Northpower Fibre Limited

For disclosure-year ended

31 March 2023

## SCHEDULE 5: REPORT ON OPERATING EXPENDITURE FOR THE DISCLOSURE YEAR

This Schedule requires a breakdown of operating expenditure incurred in a disclosure year.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

*sch ref*

8		5(i): Operating Expenditure		\$000
9		<b>Level 1 category</b>	<b>Level 2 category</b>	
10		<b>Customer opex</b>	Customer operations	
11			Product, sales & marketing	
12		<input type="text" value="523"/>	<b>Total customer opex</b>	-
13		<b>Network opex</b>	Maintenance	
14			Network operations	
15			Network operating costs	
16		<input type="text" value="2,246"/>	<b>Total network opex</b>	-
17		<b>Support opex</b>	Asset management	
18			Corporate opex	
19			Technology	
20		<input type="text" value="2,888"/>	<b>Total support opex</b>	-
21		<b>Total</b>		<b>5,657</b>
22		<b>5(ii): Subcomponents of Operating Expenditure</b>		
23		Research and development		
24		Insurance expenditure		40
25				

**SCHEDULE 5a: REPORT ON COST ALLOCATIONS**

This Schedule provides information on the allocation of operating costs.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes), including on the impact of any reclassifications.

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

sch ref	Level 1 Category	Level 2 category		
		ID-FFLAS	Non-FFLAS	Total Shared Costs
7	<b>5a(i): Operating Cost Allocations</b>			
8				
9				
10	<b>Customer operations</b>			
11	Directly attributable			
12	Not directly attributable			-
13	<b>Total attributable to regulated service</b>			-
14	<b>Product, sales &amp; marketing</b>			
15	Directly attributable			
16	Not directly attributable			-
17	<b>Total attributable to regulated service</b>			-
18	<b>Customer opex</b>	<b>ID-FFLAS</b>	<b>Non-FFLAS</b>	
19	Directly attributable	523		-
20	Not directly attributable			-
21	<b>Total attributable to regulated service</b>	523		-
22	<b>Maintenance</b>			
23	Directly attributable			
24	Not directly attributable			-
25	<b>Total attributable to regulated service</b>			-
26	<b>Network operations</b>			
27	Directly attributable			
28	Not directly attributable			-
29	<b>Total attributable to regulated service</b>			-
30	<b>Network operating costs</b>			
31	Directly attributable			
32	Not directly attributable			-
33	<b>Total attributable to regulated service</b>			-
34	<b>Network opex</b>	<b>ID-FFLAS</b>	<b>Non-FFLAS</b>	
35	Directly attributable	2,246		-
36	Not directly attributable			-
37	<b>Total attributable to regulated service</b>	2,246		-
38	<b>Asset management</b>			
39	Directly attributable			
40	Not directly attributable			-
41	<b>Total attributable to regulated service</b>			-
42	<b>Corporate opex</b>			
43	Directly attributable			
44	Not directly attributable			-
45	<b>Total attributable to regulated service</b>			-
46	<b>Technology</b>			
47	Directly attributable			
48	Not directly attributable			-
49	<b>Total attributable to regulated service</b>			-
50	<b>Support opex</b>	<b>ID-FFLAS</b>	<b>Non-FFLAS</b>	
51	Directly attributable	2,888		-
52	Not directly attributable			-
53	<b>Total attributable to regulated service</b>	2,888		-
54				
55	<b>Operating costs directly attributable</b>	5,657		-
56	<b>Operating costs not directly attributable</b>	-		-
57	<b>Operating expenditure</b>	5,657		-
58				
59	<b>5a(ii): Other Cost Allocations</b>			
60				
61				
62	<b>Pass through costs</b>			
63	Directly attributable			84
64	Not directly attributable			
64	<b>Total attributable to regulated service</b>			84

Company name **Northpower Fibre Limited**

For disclosure-year ended **31 March 2023**

**SCHEDULE 5a: REPORT ON COST ALLOCATIONS**

This Schedule provides information on the allocation of operating costs.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes), including on the impact of any reclassifications.

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

*sch ref*

65 **5a(iii): Changes in Cost Allocations\* †**

		(\$000)	
		CY-1	Current Year (CY)
66	<b>Change in cost allocation 1</b>		
67	Cost category		
68	Original allocator or line items	Original allocation	
69	New allocator or line items	New allocation	
70		Difference	-

71 Rationale for change

72

73

74

		(\$000)	
		CY-1	Current Year (CY)
75	<b>Change in cost allocation 2</b>		
76	Cost category		
77	Original allocator or line items	Original allocation	
78	New allocator or line items	New allocation	
79		Difference	-

80 Rationale for change

81

82

83

		(\$000)	
		CY-1	Current Year (CY)
84	<b>Change in cost allocation 3</b>		
85	Cost category		
86	Original allocator or line items	Original allocation	
87	New allocator or line items	New allocation	
88		Difference	-

89 Rationale for change

90

91

92 \* a change in cost allocation must be completed for each cost allocator change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.

93 † include additional rows if needed

94

95



Company name **Northpower Fibre Limited**

For disclosure-year ended **31 March 2023**

**SCHEDULE 6: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR**

This Schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

7		<b>6(i): Expenditure on Assets</b>		(\$000)	(\$000)
8	<b>Level 1 category</b>	<b>Level 2 category</b>			
9	Extending the network	Augmentation			
10		New property developments			
11		UFB communal			
12					-
13	2,399				
14	Installations	Complex installations			
15		Standard installations			
16	4,934				-
17	Network capacity	Access			
18		Aggregation			
19		Transport			
20	1,177				-
21	Network sustain & enhance	Field Sustain			
22		Relocations			
23		Resilience			
24		Site Sustain			
25	176				-
26	Network & customer IT	Network & Customer IT			
27					
28					
29	<b>Expenditure on network assets</b>				8,686
30					
31	Non-network IT	Business IT			
32	36	Corporate capex			
33	<b>Expenditure on non-network assets</b>				36
34	<b>Expenditure on assets</b>				8,722
35	plus	Cost of financing			1
36	less	Value of capital contributions			550
37	<b>Capital expenditure</b>				8,173
38					
39	<b>6(ii): Breakdown of capital contributions</b>			(\$000)	
40					
41	Extending the network		447		
42	Installations				
43	Network capacity				
44	Network sustain & enhance		103		
45	Network & customer IT				
46	<b>Total</b>		<b>550</b>		
47					
48					
49	<b>6(iii): Subcomponents of Expenditure on Assets</b>				
50					
51				(\$000)	
52	Research and development				
53					

Company name **Northpower Fibre Limited**

For disclosure-year ended **31 March 2023**

**SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE**

This Schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this Schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted.

ID-only regulated providers must provide explanatory commentary on the variance between actual and target revenue and forecast expenditure in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination. For the purpose of that assurance report, target revenue and forecast expenditures only need to be verified back to previous disclosures.

Total target operating revenue should equal the sum of the nominal dollar target revenue for the disclosure year across all contracts disclosed to the Commission under clause 2.5.11(2) of this determination

sch ref

			Target (\$000) <sup>1</sup>	Actual (\$000)	% variance
7	<b>7(i): Revenue</b>				
8	Operating revenue				
9	Connection revenue		245	255	4%
10	Monthly access revenue		14,322	14,950	4%
11	Other product specific revenue		319	333	4%
12	<b>Total operating revenue</b>		<b>14,885</b>	<b>15,538</b>	<b>4%</b>
13					
14	<b>Non-financial</b>				
15	Connection volumes - opening		22,334	22,624	1%
16	Connection volumes - closing		23,596	23,791	1%
17	<b>7(ii): Expenditure on Assets</b>		Forecast (\$000) <sup>2</sup>	Actual (\$000)	% variance
18	<b>Level 1 category</b>	<b>Level 2 category</b>			
19	Extending the network	Augmentation		-	-
20		New property developments		-	-
21		UFB communal		-	-
22			2,308	2,399	4%
23	Installations	Complex installations		-	-
24		Standard installations		-	-
25			3,266	4,934	51%
26	Network capacity	Access		-	-
27		Aggregation		-	-
28		Transport		-	-
29			2,180	1,177	(46%)
30	Network sustain & enhance	Field Sustain		-	-
31		Relocations		-	-
32		Resilience		-	-
33		Site Sustain		-	-
34			300	176	(41%)
35	Network & customer IT	Network & Customer IT	621	-	(100%)
36	<b>Expenditure on network assets</b>		<b>8,675</b>	<b>8,686</b>	<b>0%</b>
37					
38	Non-network IT	Business IT		-	-
39		Corporate capex		-	-
40	<b>Expenditure on non-network assets</b>		<b>72</b>	<b>36</b>	<b>(50%)</b>
41			<b>8,747</b>	<b>8,722</b>	<b>(0%)</b>
42	<b>7(iii): Operating Expenditure</b>		Forecast (\$000) <sup>2</sup>	Actual (\$000)	% variance
43	<b>Level 1 category</b>	<b>Level 2 category</b>			
44	<b>Customer opex</b>	Customer operations		-	-
45		Product, sales & marketing		-	-
46		<b>Total customer opex</b>	<b>533</b>	<b>523</b>	<b>(2%)</b>
47	<b>Network opex</b>	Maintenance		-	-
48		Network operations		-	-
49		Network operating costs		-	-
50		<b>Total network opex</b>	<b>2,309</b>	<b>2,246</b>	<b>(3%)</b>
51	<b>Support opex</b>	Asset management		-	-
52		Corporate opex		-	-
53		Technology		-	-
54		<b>Total support opex</b>	<b>3,014</b>	<b>2,888</b>	<b>(4%)</b>
55	<b>Operating expenditure</b>		<b>5,856</b>	<b>5,657</b>	<b>(3%)</b>

Company name **Northpower Fibre Limited**

For disclosure-year ended **31 March 2023**

**SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE**

This Schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this Schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted.

ID-only regulated providers must provide explanatory commentary on the variance between actual and target revenue and forecast expenditure in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination. For the purpose of that assurance report, target revenue and forecast expenditures only need to be verified back to previous disclosures.

Total target operating revenue should equal the sum of the nominal dollar target revenue for the disclosure year across all contracts disclosed to the Commission under clause 2.5.11(2) of this determination

*sch ref*

56	<b>7(iv): Subcomponents of Operating Expenditure</b>			
57	Research and development		-	-
58	Insurance	36	40	12%
59				
60	1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.5.11 of this determination			
61	2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.4.2 for the forecast period starting at the beginning of the disclosure year (Schedules 11 and 11a)			
62				

Company name **Northpower Fibre Limited**  
 For disclosure-year ended **31 March 2023**

**SCHEDULE 8: REPORT ON CALCULATION INPUTS**

Under clause 2.4.2 of the main body of the determination, an ID-only regulated provider must only complete sections 8(i) and 8(ii) if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years. This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

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**8(i): Qualifying Debt (may be Commission only)**

Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Debt issue cost readjustment
* include additional rows if needed						-	-	-

**8(ii): Calculation of Term Credit Spread Differential allowance**

Gross term credit spread differential		-
Total book value of interest bearing debt		
Leverage	29%	
Average opening and closing RAB values		
Attribution Rate (%)	not defined	
Term credit spread differential allowance		-

**8(iii): Calculation of Notional Deductible Interest**

Opening RAB value		87,740
Minus: Crown financing outstanding	16,313	
Leverage (%)	29.00%	
Cost of debt	4.45%	
Months in disclosure year	12	
Notional deductible interest		922

**8(iv): Calculation of Asset Stranding Allowance adjustment to ROI**

A		0.001
B average of C and D where:		103,729
C = sum of opening RAB values of core fibre assets	87,739.60	
+ opening RAB value of financial loss asset	12,386.68	
Total	100,126.29	
and		
D = Sum of closing RAB values of core fibre assets	94,618.40	
+ closing RAB value of financial loss asset	12,712.65	
Total	107,331.05	
Asset stranding allowance adjustment = A x B		104

Company name **Northpower Fibre Limited**  
 For disclosure-year ended **31 March 2023**

**SCHEDULE 9: REPORT ON RELATED PARTY TRANSACTIONS**

This Schedule provides information on the valuation of related party transactions for the purpose of clause 2.4.2 of the the main body of the determination. This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

7	<b>9(i): Summary—Related Party Transactions</b>		<b>(\$000)</b>	<b>(\$000)</b>
8	<b>Total regulatory income</b>			69
9	Percentage of total regulatory income where associated FFLAS services were provided at a value less than if the transaction was an arm's-length transaction.			
10				
11	<b>Market value of asset disposals</b>			
12				
13	<b>Operating expenditure</b>			
14	<b>Level 1 category</b>	<b>Level 2 category</b> (Assign expenditure to level 1 or level 2 category in G42 to G56 below)		
15	<b>Customer opex</b>	Customer operations	-	
16		Product, sales & marketing	-	
17		<b>Customer opex</b>	407	
18	<b>Network opex</b>	Maintenance	-	
19		Network operations	-	
20		Network operating costs	-	
21		<b>Network opex</b>	1,773	
22	<b>Support opex</b>	Asset management	-	
23		Corporate opex	-	
24		Technology	-	
25		<b>Support opex</b>	1,708	
26		<b>Total Operating expenditure</b>		3,888
27	<b>Capital expenditure</b>			
28	<b>Level 1 category</b>			
28	Extending the network		2,399	
29	Installations		4,934	
30	Network capacity		17	
31	Network sustain & enhance		147	
32	Network & customer IT		-	
33	<b>Expenditure on network assets</b>			7,497
34	<b>Expenditure on non-network assets</b>			-
35	<b>Expenditure on assets</b>			7,497
36	Cost of financing			
37	Value of capital contributions			550
38	<b>Capital Expenditure</b>			6,948
39	<b>Total expenditure</b>			10,835
40				
41	<b>Other related party transactions</b>			
42				

43	<b>9(ii): Total Regulatory Income from related party transactions*</b>		<b>Total value of related party transactions (\$000)</b>
44	<b>Name of related party</b>	<b>Nature of services</b>	
45	Northpower Limited	FFLAS	69
46			
47			
48			
49	<b>Total value of related party transactions</b>		69

50	<b>9(iii): Total Opex and Capex Related Party Transactions*</b>		<b>Total value of related party transactions (\$000)</b>
51	<b>Name of related party</b>	<b>Nature of opex or capex</b>	
52	Northpower Limited	Customer opex	407
53	Northpower Limited	Network opex	1,773
54	Northpower Limited	Support opex	1,708
55	Northpower Limited	Extending the network	2,399
56	Northpower Limited	Installations	4,934
57	Northpower Limited	Network capacity	17
58	Northpower Limited	Network sustain & enhance	147
59		[Select one]	
60		[Select one]	
61		[Select one]	
62		[Select one]	
63		[Select one]	
64		[Select one]	
65		[Select one]	
66		[Select one]	
67		[Select one]	
68	<b>Total value of related party transactions</b>		11,385

\* include additional rows if needed



Company Name **Northpower Fibre Limited**  
 Planning Period **1 April 2023 to 31 March 2026**

**SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE**

This Schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 5 year planning period. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)  
 ID-only providers must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).  
 This information is not part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination).

sch ref

		Current Year Actual	CY+1	CY+2	CY+3	CY+4	CY+5
7							
8							
9	<b>11(i): Expenditure on Assets Forecast</b>	<b>\$000 (in nominal dollars)</b>					
10	<b>Level 1 category</b>						
11	<b>Level 2 category</b>						
12	Augmentation						
13	New property developments						
14	UFB communal						
15	<b>Extending the network (complete if disclosing at Level 1 category)</b>	2,399	2,434	1,684	1,669		
16		2,399	2,434	1,684	1,669	-	-
17	Complex installations						
18	Standard installations						
19	<b>Installations (complete if disclosing at Level 1 category)</b>	4,934	3,880	3,755	3,677		
20		4,934	3,880	3,755	3,677	-	-
21	Access						
22	Aggregation						
23	Transport						
24	<b>Network capacity (complete if disclosing at Level 1 category)</b>	1,177	1,175	716	531		
25		1,177	1,175	716	531	-	-
26	Field Sustain						
27	Relocations						
28	Resilience						
29	Site Sustain						
30	<b>Network sustain &amp; enhance (complete if disclosing at Level 1 category)</b>	176	289	242	241		
31		176	289	242	241	-	-
32	<b>Network &amp; customer IT</b>						
33	Network & Customer IT	-	432	-	-		
34	<b>Expenditure on network assets</b>	8,686	8,210	6,397	6,118	-	-
35	Business IT						
36	Corporate capex						
37	<b>Non-network IT &amp; support (complete if disclosing at Level 1 category)</b>	36	32	-	-		
38		36	32	-	-	-	-
39	<b>Non-network IT &amp; support</b>						
40	<b>Expenditure on assets</b>	8,722	8,242	6,397	6,118	-	-
41	plus Cost of financing	1					
42	less Value of capital contributions	550	653	668	599		

Company Name **Northpower Fibre Limited**  
 Planning Period **1 April 2023 to 31 March 2026**

**SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE**

This Schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 5 year planning period. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)  
 ID-only providers must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).  
 This information is not part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination).

sch ref			Current Year Actual	CY+1	CY+2	CY+3	CY+4	CY+5
\$000 (in constant dollars)								
43	<b>Capital expenditure forecast</b>		8,173	7,589	5,729	5,518	-	-
44								
45	Assets commissioned		5,923	10,603	5,729	5,518		
46								
47	<b>Subcomponents of expenditure on assets (where known)</b>							
48	Research and development		-					
49								
50								
51	<b>Level 1 category</b>	<b>Level 2 category</b>						
52		Augmentation						
53		New property developments						
54		UFB communal						
55	<b>Extending the network (complete if disclosing at Level 1 category)</b>		2,399	2,366	1,598	1,548		
56			2,399	2,366	1,598	1,548	-	-
57		Complex installations						
58		Standard installations						
59	<b>Installations (complete if disclosing at Level 1 category)</b>		4,934	3,771	3,563	3,411		
60			4,934	3,771	3,563	3,411	-	-
61		Access						
62		Aggregation						
63		Transport						
64	<b>Network capacity (complete if disclosing at Level 1 category)</b>		1,177	1,141	680	493		
65			1,177	1,141	680	493	-	-
66		Field Sustain						
67		Relocations						
68		Resilience						
69		Site Sustain						
70	<b>Network sustain &amp; enhance (complete if disclosing at Level 1 category)</b>		176	281	230	224		
71			176	281	230	224	-	-
72								
73	<b>Network &amp; customer IT</b>	<b>Network &amp; Customer IT</b>	-	420	-	-		
74		<b>Expenditure on network assets</b>	8,686	7,978	6,071	5,675	-	-
75								
76		Business IT						
77		Corporate capex						
78	<b>Non-network IT &amp; support (complete if disclosing at Level 1 category)</b>		36	31	-	-		
79		<b>Non-network IT &amp; support</b>	36	31	-	-	-	-
80								



Company Name **Northpower Fibre Limited**  
 Planning Period **1 April 2023 to 31 March 2026**

**SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE**

This Schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 5 year planning period. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)  
 ID-only providers must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).  
 This information is not part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination).

sch ref						
81	<b>Expenditure on assets</b>	8,722	8,009	6,071	5,675	-
82	plus Cost of financing	1				
83	less Value of capital contributions	550	635	634	556	-
84	<b>Capital expenditure forecast</b>	8,173	7,375	5,437	5,119	-
85						
86	Assets commissioned	5,923	10,390	5,437	5,119	
87						
88						
89		<i>Current Year Actual</i>	<i>CY+1</i>	<i>CY+2</i>	<i>CY+3</i>	<i>CY+4</i>
90	<b>Difference between nominal and constant price forecasts</b>	<b>\$000</b>				
91						
92	Augmentation	-	-	-	-	-
93	New property developments	-	-	-	-	-
94	UFB communal	-	-	-	-	-
95	<b>Extending the network</b>	-	69	86	121	-
96	Complex installations	-	-	-	-	-
97	Standard installations	-	-	-	-	-
98	<b>Installations</b>	-	109	191	266	-
99	Access	-	-	-	-	-
100	Aggregation	-	-	-	-	-
101	Transport	-	-	-	-	-
102	<b>Network capacity</b>	-	33	37	38	-
103	Field Sustain	-	-	-	-	-
104	Relocations	-	-	-	-	-
105	Resilience	-	-	-	-	-
106	Site Sustain	-	-	-	-	-
107	<b>Network sustain &amp; enhance</b>	-	8	12	17	-
108						
109	Network & Customer IT	-	12	-	-	-
110	<b>Expenditure on network assets</b>	-	231	326	442	-
111						
112	Business IT	-	-	-	-	-
113	Corporate capex	-	-	-	-	-
114	<b>Non-network IT &amp; support</b>	-	1	-	-	-
115						
116	<b>Expenditure on assets</b>	-	232	326	442	-
117	plus Cost of financing	-	-	-	-	-

Company Name **Northpower Fibre Limited**  
 Planning Period **1 April 2023 to 31 March 2026**

**SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE**

This Schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 5 year planning period. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)

ID-only providers must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).

This information is not part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination).

sch ref

118	less	Value of capital contributions	-	18	34	43	-	-
119		<b>Capital expenditure forecast</b>	-	214	292	399	-	-
120								
121		Assets commissioned	-	214	292	399	-	-
122								
123								
124								
125		<b>11(ii): Breakdown of capital contributions</b>						
126								
127								
128								
129								
130								
131								
132								
133								
134								
135								

  

		\$000 (in constant dollars)					
		Current Year Actual	CY+1	CY+2	CY+3	CY+4	CY+5
	Extending the network	447	516	516	452		
	Installations	-	-	-	-		
	Network capacity	-	-	-	-		
	Network sustain & enhance	103	119	119	104		
	Network & customer IT	-	-	-	-		
	<b>Total</b>	550	635	634	556	-	-

Company name **Northpower Fibre Limited**  
 Planning period **1 April 2023 to 31 March 2026**

**SCHEDULE 11a: REPORT ON FORECAST OPERATING EXPENDITURE**

This Schedule requires a breakdown of forecast operating expenditure for the disclosure year and a 5 year planning period. The forecast is to be expressed in both constant price and nominal dollar terms. ID-only providers must provide explanatory comment on the difference between constant price and nominal dollar operating expenditure forecasts in Schedule 14A (Mandatory Explanatory Notes), as applicable. This information is not part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination).

sch ref			Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
7								
8	<b>Operating Expenditure Forecast</b>		<b>\$000 (in nominal dollars)</b>					
9	<b>Level 1 category</b>	<b>Level 2 category</b>						
10		Customer operations						
11		Product, sales & marketing						
12	<b>Customer opex (complete if disclosing at Level 1 category)</b>		523	511	524	536		
13		<b>Total customer opex</b>	523	511	524	536	-	-
14		Maintenance						
15		Network operations						
16		Network operating costs						
17	<b>Network opex (complete if disclosing at Level 1 category)</b>		2,246	2,570	2,802	2,934		
18		<b>Total network opex</b>	2,246	2,570	2,802	2,934	-	-
19		Asset management						
20		Corporate opex						
21		Technology						
22	<b>Support opex (complete if disclosing at Level 1 category)</b>		2,888	3,380	3,553	3,566		
23		<b>Total support opex</b>	2,888	3,380	3,553	3,566	-	-
24	<b>Operating expenditure</b>		5,657	6,461	6,878	7,036	-	-
25								
26	<b>Subcomponents of operating expenditure (where known)</b>							
27		Research and development	-	66	-	-		
28		Insurance	40	41	42	43		
29								
30			Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
31	<b>Operating Expenditure Forecast</b>		<b>\$000 (in constant dollars)</b>					
32	<b>Level 1 category</b>	<b>Level 2 category</b>						
33		Customer operations						
34		Product, sales & marketing						
35	<b>Customer opex (complete if disclosing at Level 1 category)</b>		523	497	497	500		
36		<b>Total customer opex</b>	523	497	497	500	-	-
37		Maintenance						
38		Network operations						

Company name **Northpower Fibre Limited**  
 Planning period **1 April 2023 to 31 March 2026**

### SCHEDULE 11a: REPORT ON FORECAST OPERATING EXPENDITURE

This Schedule requires a breakdown of forecast operating expenditure for the disclosure year and a 5 year planning period. The forecast is to be expressed in both constant price and nominal dollar terms. ID-only providers must provide explanatory comment on the difference between constant price and nominal dollar operating expenditure forecasts in Schedule 14A (Mandatory Explanatory Notes), as applicable. This information is not part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination).

sch ref								
39		Network operating costs						
40	<b>Network opex</b>	<i>(complete if disclosing at Level 1 category)</i>	2,246	2,497	2,659	2,738		
41		<b>Total network opex</b>	2,246	2,497	2,659	2,738	-	-
42		Asset management						
43		Corporate opex						
44		Technology						
45	<b>Support opex</b>	<i>(complete if disclosing at Level 1 category)</i>	2,888	3,284	3,371	3,328		
46		<b>Total support opex</b>	2,888	3,284	3,371	3,328	-	-
47	<b>Operating expenditure</b>		5,657	6,279	6,527	6,566	-	-
48								
49								
50	<b>Difference between nominal and real forecasts</b>		<b>\$000</b>					
51	<b>Level 1 category</b>	<b>Level 2 category</b>						
52	<b>Customer opex</b>	Customer operations	-	-	-	-	-	-
53		Product, sales & marketing	-	-	-	-	-	-
54		<b>Total customer opex</b>	-	14	27	36	-	-
55	<b>Network opex</b>	Maintenance	-	-	-	-	-	-
56		Network operations	-	-	-	-	-	-
57		Network operating costs	-	-	-	-	-	-
58		<b>Total network opex</b>	-	72	143	196	-	-
59	<b>Support opex</b>	Asset management	-	-	-	-	-	-
60		Corporate opex	-	-	-	-	-	-
61		Technology	-	-	-	-	-	-
62		<b>Total support opex</b>	-	95	181	238	-	-
63	<b>Operating expenditure</b>		-	182	350	470	-	-
64								
65								

Company Name  
Planning Period

**Northpower Fibre Limited**  
**1 April 2023 to 31 March 2026**

**SCHEDULE 12: REPORT ON FORECAST CAPACITY AND UTILISATION**

This Schedule requires a breakdown of current and forecast capacity and utilisation for each area. Information provided in this table should relate to the operation of the network in its normal steady state configuration.

sch ref

12(i): System capacity and utilisation													
	Current year	Current year	3 Year Forecast	5 Year Forecast	Current year	3 Year Forecast	5 Year Forecast	Current year	3 Year Forecast	5 Year Forecast	Current year	3 Year Forecast	5 Year Forecast
	Number of COs	Number of P2P end user connections within POI area	Number of P2P end users within POI area	Number of P2P end users within POI area	Number of GPON end users from CO	Number of GPON end users from CO	Number of GPON end users from CO	Central Office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	Central Office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	Central Office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	Premises Passed	Premises Passed	Premises Passed
POI Area													
Ashburton													
Auckland													
Blenheim													
Christchurch													
Dunedin													
Gisborne													
Greymouth													
Hamilton													
Invercargill													
Kapiti													
Levin													
Masterton													
Napier & Hastings													
Nelson													
New Plymouth													
Oamaru													
Palmerston North													
Queenstown													
Rotorua													
Taupo													
Tauranga													
Timaru													
Whanganui													
Wellington													
Whakatane													
Whangarei	19	101	105		23,690	24,560		-	-	-	33,037	35,273	
<b>TOTALS</b>		101	105	-	23,690	24,560	-	-	-	-	33,037	35,273	-



Company Name **Northpower Fibre Limited**  
 Planning Period **1 April 2023 to 31 March 2026**

### SCHEDULE 12a: REPORT ON FORECAST NETWORK DEMAND

This Schedule requires a forecast of new connections (by consumer type), peak demand and data volumes for the disclosure year and a 5 year planning period. The forecasts should be consistent with the assumptions used in developing the expenditure forecasts in Schedules 11 and Schedule 11a and the capacity and utilisation forecasts in Schedule 12.

sch ref						
45	Napier & Hastings					
46	Nelson					
47	New Plymouth					
48	Oamaru					
49	Palmerston North					
50	Queenstown					
51	Rotorua					
52	Taupo					
53	Tauranga					
54	Timaru					
55	Whanganui					
56	Wellington					
57	Whakatane					
58	Whangarei					
59	<b>Sum</b>		89	96	102	109
60						
61	<b>System peak (maximum observed peak in gigabits per second)</b>		78			
62	<b>Forecast system peak</b>			84	90	96
63	<b>% of sum of peaks</b>		88%	88%	88%	88%
64						
65	<b>Average demand by POI area (gigabits per second)</b>					
66	Ashburton					
67	Auckland					
68	Blenheim					
69	Christchurch					
70	Dunedin					
71	Gisborne					
72	Greymouth					
73	Hamilton					
74	Invercargill					
75	Kapiti					
76	Levin					
77	Masterton					
78	Napier & Hastings					
79	Nelson					
80	New Plymouth					
81	Oamaru					
82	Palmerston North					
83	Queenstown					
84						

Company Name **Northpower Fibre Limited**  
 Planning Period **1 April 2023 to 31 March 2026**

**SCHEDULE 12a: REPORT ON FORECAST NETWORK DEMAND**

This Schedule requires a forecast of new connections (by consumer type), peak demand and data volumes for the disclosure year and a 5 year planning period. The forecasts should be consistent with the assumptions used in developing the expenditure forecasts in Schedules 11 and Schedule 11a and the capacity and utilisation forecasts in Schedule 12.

sch ref							
85	Rotorua						
86	Taupo						
87	Tauranga						
88	Timaru						
89	Whanganui						
90	Wellington						
91	Whakatane						
92	Whangarei						
93	<b>Total</b>	78	84	90	96	-	-
94							
95		<b>Observed</b>	<b>Forecast</b>				
96	<b>Average to peak ratio</b>	<b>Current Year CY</b>	<b>CY+1</b>	<b>CY+2</b>	<b>CY+3</b>	<b>CY+4</b>	<b>CY+5</b>
97	Ashburton						
98	Auckland						
99	Blenheim						
100	Christchurch						
101	Dunedin						
102	Gisborne						
103	Greymouth						
104	Hamilton						
105	Invercargill						
106	Kapiti						
107	Levin						
108	Masterton						
109	Napier & Hastings						
110	Nelson						
111	New Plymouth						
112	Oamaru						
113	Palmerston North						
114	Queenstown						
115	Rotorua						
116	Taupo						
117	Tauranga						
118	Timaru						
119	Whanganui						
120	Wellington						
121	Whakatane						
122	Whangarei						
123	<b>Total</b>	88%	88%	88%	88%		
124							



Company Name  
AMP Planning Period  
Asset Management Standard Applied

Northpower Fibre Limited  
2023-2027 (CY+3)

**SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY**

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

**SECTION 1 - SELF-ASSESSMENT QUESTIONS**

Question No.	Function	Standard Ref. (For guidance only)	Question	Maturity Level Score	Evidence—Summary	Target Score CY+3	Initiatives planned to achieve target score	Why	Who	Record/document Information
1	Asset management policy		To what extent has an asset management policy been documented, authorised and communicated?	2	The organisation has a group asset management policy for electricity and fibre assets that is due for review.	3	Authorise and publish our updated fibre asset management policy in 2024. This policy will then be managed within our organisations quality management system as a controlled document with scheduled review dates and stakeholder notifications.	Widely used AM practice standards require an organisation to document, authorise and communicate its asset management policy. A key pre-requisite of any robust policy is that the organisation's top management must be seen to endorse and fully support it. Also vital to the effective implementation of the policy, is to tell the appropriate people of its content and their obligations under it. Where an organisation outsources some of its asset-related activities, then these people and their organisations must equally be made aware of the policy's content. Also, there may be other stakeholders, such as regulatory authorities and shareholders who should be made aware of it.	Top management. The management team that has overall responsibility for asset management.	The organisation's asset management policy, its organisational strategic plan, documents indicating how the asset management policy was based upon the needs of the organisation and evidence of communication.
2	Asset management strategy		What has the organisation done to ensure that its asset management strategy is consistent with other appropriate organisational policies and strategies, and the needs of stakeholders?	1	Senior management are aware that asset management strategy needs to support the organisations wider business strategies. Outcome 4 in our FY24 Fibre Business Plan is around robust asset management. We see that more work is needed to develop our asset fleet strategies and to link these back to our fibre business plan. See Q3.	2	Our fibre business plan is reviewed annually. Our intention is to develop our asset fleet strategies and use the fibre business plan to align our asset management objectives and strategies with the needs of stakeholders.	In setting an organisation's asset management strategy, it is important that it is consistent with any other policies and strategies that the organisation has, and has taken into account the requirements of relevant stakeholders. This question examines to what extent the asset management strategy is consistent with other organisational policies and strategies and has taken account of stakeholder requirements. Generally, this will take into account the same policies, strategies and stakeholder requirements as covered in drafting the asset management policy but at a greater level of detail.	Top management. The organisation's strategic planning team. The management team that has overall responsibility for asset management.	The organisation's asset management strategy document and other related organisational policies and strategies. Other than the organisation's strategic plan, these could include those relating to health and safety, environmental, etc. Results of stakeholder consultation.
3			In what way does the organisation's asset management strategy take account of the lifecycle of the assets, asset types and asset systems over which the organisation has stewardship?	1	The organisation's asset manager is tasked with developing asset life cycle characteristics and management plans for each of its asset fleets and ensuring that this is reflected in our 10-year financial planning processes.	2	Publish our asset fleet structure and asset fleet strategies for major asset categories which includes their life cycle characteristics, performance objectives and management approach.	Good asset stewardship is the hallmark of an organisation compliant with widely used AM standards. A key component of this is the need to take account of the lifecycle of the assets, asset types and asset systems. This question explores what an organisation has done to take lifecycle into account in its asset management strategy.	Top management. People in the organisation with expert knowledge of the assets, asset types, asset systems and their associated life-cycles. The management team that has overall responsibility for asset management. Those responsible for developing and adopting methods and processes used in asset management	The organisation's documented asset management strategy and supporting working documents.
4	Asset management plan(s)		How does the organisation establish and document its asset management plan(s) across the life cycle activities of its assets and asset systems?	1	We have developed detailed plans and systems to build and connect fibre customers in a optimal way. Our long-term aspiration is to do the same with our asset management plans and systems.	2	Publish asset management work plans for major asset categories like aerial and underground fibre cables and critical Layer 2 assets such as core Switches, Optical Line Terminals (OLTs) and our network management and performance monitoring assets.	The asset management strategy need to be translated into practical plan(s) so that all parties know how the objectives will be achieved. The development of plan(s) will need to identify the specific tasks and activities required to optimize costs, risks and performance of the assets and/or asset system(s), when they are to be carried out and the resources required.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers.	The organisation's asset management plan(s).
5			How has the organisation communicated its plan(s) to all relevant parties to a level of detail appropriate to the receiver's role in their delivery?	1	The organisation currently operates from it's business plan and is developing more granular asset management plans to communicate.	2	Communicated by management at board meetings, monthly report meetings, whole team breakfast presentations and regular contractor relationship meetings monthly and management team deep-dive sessions.	Plans will be ineffective unless they are communicated to all those, including contracted suppliers and those who undertake enabling function(s). The plan(s) need to be communicated in a way that is relevant to those who need to use them.	The management team with overall responsibility for the asset management system. Delivery functions and suppliers.	Distribution lists for plan(s). Documents derived from plan(s) which detail the receivers role in plan delivery. Evidence of communication.

Company Name	Northpower Fibre Limited
AMP Planning Period	2023-2027 (CY+3)
Asset Management Standard Applied	

**SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY**

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

6		How are designated responsibilities for delivery of asset plan actions documented?	1	The organisation is developing more granular asset management plans and responsibilities. Position descriptions and delegated financial authority level are documented but not in our asset management plan(s) yet.	2	Publish a responsibility assignment matrix (RACI chart) for our asset management delivery actions.	The implementation of asset management plan(s) relies on (1) actions being clearly identified, (2) an owner allocated and (3) that owner having sufficient delegated responsibility and authority to carry out the work required. It also requires alignment of actions across the organisation. This question explores how well the plan(s) set out responsibility for delivery of asset plan actions.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers. If appropriate, the performance management team.	The organisation's asset management plan(s). Documentation defining roles and responsibilities of individuals and organisational departments.
7		What has the organisation done to ensure that appropriate arrangements are made available for the efficient and cost effective implementation of the plan(s)?  (Note this is about resources and enabling support)	1	We have developed a fairly sophisticated and integrated set of supply chain, procurement and sub-contractor and financial management processes to build and connect fibre customers efficiently and cost effectively. Our intention is to do the same with our asset management plan delivery.	2	Complete our sub-contractor service level agreements and contracts refresh. Align our sub-contractor processes with our "Group Sub-Contractor Management Framework". Improve stock management process and spares management. Pilot our organisation's "Whare Ako" training and capability pathways project with our staff.	It is essential that the plan(s) are realistic and can be implemented, which requires appropriate resources to be available and enabling mechanisms in place. This question explores how well this is achieved. The plan(s) not only need to consider the resources directly required and timescales, but also the enabling activities, including for example, training requirements, supply chain capability and procurement timescales.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers. If appropriate, the performance management team. Where appropriate the procurement team and service providers working on the organisation's asset-related activities.	The organisation's asset management plan(s). Documented processes and procedures for the delivery of the asset management plan.
8	Contingency planning	What plan(s) and procedure(s) does the organisation have for identifying and responding to incidents and emergency situations and ensuring continuity of critical asset management activities?	2	The organisation operates from it's "Co-ordinated Incident Management Plan 2022" and "Group Business Continuity Plan 2022" which are controlled documents in our quality management system and are available online.	3	The "Group Business Continuity Plan" is scheduled to be reviewed in Dec 2023 and the "Co-ordinated Incident Management Plan" is scheduled to be reviewed in November 2025.	Widely used AM practice standards require that an organisation has plan(s) to identify and respond to emergency situations. Emergency plan(s) should outline the actions to be taken to respond to specified emergency situations and ensure continuity of critical asset management activities including the communication to, and involvement of, external agencies. This question assesses if, and how well, these plan(s) triggered, implemented and resolved in the event of an incident. The plan(s) should be appropriate to the level of risk as determined by the organisation's risk assessment methodology. It is also a requirement that relevant personnel are competent and trained.	The manager with responsibility for developing emergency plan(s). The organisation's risk assessment team. People with designated duties within the plan(s) and procedure(s) for dealing with incidents and emergency situations.	The organisation's plan(s) and procedure(s) for dealing with emergencies. The organisation's risk assessments and risk registers.
9	Structure, authority and responsibilities	What has the organisation done to appoint member(s) of its management team to be responsible for ensuring that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s)?	2	A new asset management role and position description was established by senior management. This position was filled in April 2022.	3	Increase asset management team's responsibilities for asset management initiatives with new team objectives and goals for 2024.	In order to ensure that the organisation's assets and asset systems deliver the requirements of the asset management policy, strategy and objectives responsibilities need to be allocated to appropriate people who have the necessary authority to fulfil their responsibilities.	Top management. People with management responsibility for the delivery of asset management policy, strategy, objectives and plan(s). People working on asset-related activities.	Evidence that managers with responsibility for the delivery of asset management policy, strategy, objectives and plan(s) have been appointed and have assumed their responsibilities. Evidence may include the organisation's documents relating to its asset management system, organisational charts, job descriptions of post-holders, annual targets/objectives and personal development plan(s) of post-holders as appropriate.
10		What evidence can the organisation's top management provide to demonstrate that sufficient resources are available for asset management?	2	Currently we have appropriate level of resources to match our assets lifecycle needs. We note that our network performance outperforms our internal benchmarks and customer satisfaction is high. Our financial performance reporting process tracks resourcing each month and year to date.	3	Senior managers take responsibility for these initiatives and resourcing, ensuring they're reflected in the annual financial planning process.	Optimal asset management requires top management to ensure sufficient resources are available. In this context the term 'resources' includes manpower, materials, funding and service provider support.	Top management. The management team that has overall responsibility for asset management. Risk management team. The organisation's managers involved in day-to-day supervision of asset-related activities, such as frontline managers, engineers, foremen and chargehands as appropriate.	Evidence demonstrating that asset management plan(s) and/or the process(es) for asset management plan implementation consider the provision of adequate resources in both the short and long term. Resources include funding, materials, equipment, services provided by third parties and personnel (internal and service providers) with appropriate skills competencies and knowledge.

Company Name **Northpower Fibre Limited**  
 AMP Planning Period **2023-2027 (CY+3)**  
 Asset Management Standard Applied

**SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY**

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

11			To what degree does the organisation's top management communicate the importance of meeting its asset management requirements?	2	The organisation currently operates from its business plan and is developing more granular asset management plans to communicate.	3	Communicated by management at board meetings, monthly report meetings, whole team breakfast presentations and scheduled contractor relationship meetings and management team deep-dive sessions.	Widely used AM practice standards require an organisation to communicate the importance of meeting its asset management requirements such that personnel fully understand, take ownership of, and are fully engaged in the delivery of the asset management requirements.	Top management. The management team that has overall responsibility for asset management. People involved in the delivery of the asset management requirements.	Evidence of such activities as road shows, written bulletins, workshops, team talks and management walk-arounds would assist an organisation to demonstrate it is meeting this requirement.
12	Outsourcing of asset management activities		Where the organisation has outsourced some of its asset management activities, how has it ensured that appropriate controls are in place to ensure the compliant delivery of its organisational strategic plan, and its asset management policy and strategy?	2	The organisation outsources the majority of its field works, including connection installs and network builds to a range of third party contractors. Our Service Delivery Manager and his team are responsible for ensuring there are appropriate controls in place for our assets.	3	Our Management Team in particular our Service Delivery Manager and Business Partner Team Leads consider the asset management strategy and plan when reviewing contract terms and conditions and controls that may need to be in place to deliver our asset management objectives.	Where an organisation chooses to outsource some of its asset management activities, the organisation must ensure that these outsourced process(es) are under appropriate control to ensure that all the requirements of widely used AM standards are in place, and the asset management policy, strategy objectives and plan(s) are delivered. This includes ensuring capabilities and resources across a time span aligned to life cycle management. The organisation must put arrangements in place to control the outsourced activities, whether it be to external providers or to other in-house departments. This question explores what the organisation does in this regard.	Top management. The management team that has overall responsibility for asset management. The manager(s) responsible for the monitoring and management of the outsourced activities. People involved with the procurement of outsourced activities. The people within the organisations that are performing the outsourced activities. The people impacted by the outsourced activity.	The organisation's arrangements that detail the compliance required of the outsourced activities. For example, this could form part of a contract or service level agreement between the organisation and the suppliers of its outsourced activities. Evidence that the organisation has demonstrated to itself that it has assurance of compliance of outsourced activities.
13	Training, awareness and competence		How does the organisation develop plan(s) for the human resources required to undertake asset management activities - including the development and delivery of asset management strategy, process(es), objectives and plan(s)?	1	The organisation has been able to work along side staff from its electricity distribution business asset management team who have extensive asset management competence in the areas of asset management strategy, processes, objectives and plans. Cross function training is available as required from this group or by external asset management experts we have a relationship with - such as developing asset health models.	2	Develop more clarity around specific asset management competencies and training plans within the organisations "Whare Ako" training and capability pathways project. Our business unit is currently the pilot for the wider group of businesses at Northpower.	There is a need for an organisation to demonstrate that it has considered what resources are required to develop and implement its asset management system. There is also a need for the organisation to demonstrate that it has assessed what development plan(s) are required to provide its human resources with the skills and competencies to develop and implement its asset management systems. The timescales over which the plan(s) are relevant should be commensurate with the planning horizons within the asset management strategy considers e.g. if the asset management strategy considers a 5 year time scale then the human resources development plan(s) should align with this. Resources include both 'in house' and external resources who undertake asset management activities.	Senior management responsible for agreement of plan(s). Managers responsible for developing asset management strategy and plan(s). Managers with responsibility for development and recruitment of staff (including HR functions). Staff responsible for training. Procurement officers. Contracted service providers.	Evidence of analysis of future work load plan(s) in terms of human resources. Document(s) containing analysis of the organisation's own direct resources and contractors resource capability over suitable timescales. Evidence, such as minutes of meetings, that suitable management forums are monitoring human resource development plan(s). Training plan(s), personal development plan(s), contract and service level agreements.
14			How does the organisation identify competency requirements and then plan, provide and record the training necessary to achieve the competencies?	1	Please refer to our response to Q13.	2	Develop more clarity around specific asset management competencies and training plans within the organisations "Whare Ako" training and capability pathways project. Our business unit is currently the pilot for the wider group of businesses at Northpower.	Widely used AM standards require that organisations to undertake a systematic identification of the asset management awareness and competencies required at each level and function within the organisation. Once identified the training required to provide the necessary competencies should be planned for delivery in a timely and systematic way. Any training provided must be recorded and maintained in a suitable format. Where an organisation has contracted service providers in place then it should have a means to demonstrate that this requirement is being met for their employees.	Senior management responsible for agreement of plan(s). Managers responsible for developing asset management strategy and plan(s). Managers with responsibility for development and recruitment of staff (including HR functions). Staff responsible for training. Procurement officers. Contracted service providers.	Evidence of an established and applied competency requirements assessment process and plan(s) in place to deliver the required training. Evidence that the training programme is part of a wider, co-ordinated asset management activities training and competency programme. Evidence that training activities are recorded and that records are readily available (for both direct and contracted service provider staff) e.g. via organisation wide information system or local records database.

Company Name	Northpower Fibre Limited
AMP Planning Period	2023-2027 (CY+3)
Asset Management Standard Applied	

**SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY**

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

15	Training, awareness and competence		How does the organization ensure that persons under its direct control undertaking asset management related activities have an appropriate level of competence in terms of education, training or experience?	1	Please refer to our response to Q13.	2	Once we have developed more clarity around specific asset management competencies and training plans within the organisations "Where Ako" training and capability pathways project. Phase two will be to manage and provide a 'live' record of asset management competencies via our existing "npower me" learning platform or some other suitable platform by that stage.	A critical success factor for the effective development and implementation of an asset management system is the competence of persons undertaking these activities. organisations should have effective means in place for ensuring the competence of employees to carry out their designated asset management function(s). Where an organisation has contracted service providers undertaking elements of its asset management system then the organisation shall assure itself that the outsourced service provider also has suitable arrangements in place to manage the competencies of its employees. The organisation should ensure that the individual and corporate competencies it requires are in place and actively monitor, develop and maintain an appropriate balance of these competencies.	Managers, supervisors, persons responsible for developing training programmes. Staff responsible for procurement and service agreements. HR staff and those responsible for recruitment.	Evidence of a competency assessment framework that aligns with established frameworks such as the asset management Competencies Requirements Framework (Version 2.0); National Occupational Standards for Management and Leadership; UK Standard for Professional Engineering Competence, Engineering Council, 2005.
16	Communication, participation and consultation		How does the organisation ensure that pertinent asset management information is effectively communicated to and from employees and other stakeholders, including contracted service providers?	1	As noted in Question 5 the organisation currently operates from its business plan which is reviewed annually. Asset management information from key internal stakeholders is incorporated into the plan. Subcontractors have opportunities during regular relationship meetings and field audits to discuss ways improve the management of our assets they may recommend.	2	Our key focus is developing more granular asset management strategies and plans to communicate to internal stakeholders and contracted service providers. Please refer to our response to Q17.	Widely used AM practice standards require that pertinent asset management information is effectively communicated to and from employees and other stakeholders including contracted service providers. Pertinent information refers to information required in order to effectively and efficiently comply with and deliver asset management strategy, plan(s) and objectives. This will include for example the communication of the asset management policy, asset performance information, and planning information as appropriate to contractors.	Top management and senior management representative(s), employee's representative(s), employee's trade union representative(s); contracted service provider management and employee representative(s); representative(s) from the organisation's Health, Safety and Environmental team. Key stakeholder representative(s).	Asset management policy statement prominently displayed on notice boards, intranet and internet; use of organisation's website for displaying asset performance data; evidence of formal briefings to employees, stakeholders and contracted service providers; evidence of inclusion of asset management issues in team meetings and contracted service provider contract meetings; newsletters, etc.
17	Asset Management System documentation		What documentation has the organisation established to describe the main elements of its asset management system and interactions between them?	1	Senior Management are aware of the need to create asset management policy, asset fleet strategies and plans to describe the main elements of it's asset management system. We acknowledge we are still early in our asset management journey and look to publish some key documents this year.	2	Publish our asset management policy, asset fleet structure and asset fleet strategies for major asset categories which includes their life cycle characteristics, performance objectives and management approach.	Widely used AM practice standards require an organisation maintain up to date documentation that ensures that its asset management systems (ie, the systems the organisation has in place to meet the standards) can be understood, communicated and operated.	The management team that has overall responsibility for asset management. Managers engaged in asset management activities.	The documented information describing the main elements of the asset management system (process(es)) and their interaction.
18	Information management		What has the organisation done to determine what its asset management information system(s) should contain in order to support its asset management system?	1	We have a number of systems to capture and record data relating to assets which are tied to operational business processes. However, we do not have formal governance around asset information. Our asset fleet strategies are intended to clarify what data is needed to support our asset performance objectives and management approach including asset risk management for each asset fleet.	2	Publish our asset fleet strategies for major asset categories which includes their life cycle characteristics, performance objectives and management approach and using as a structured process for determining asset data requirements and to develop asset data implementation plans.	Effective asset management requires appropriate information to be available. Widely used AM standards therefore require the organisation to identify the asset management information it requires in order to support its asset management system. Some of the information required may be held by suppliers.  The maintenance and development of asset management information systems is a poorly understood specialist activity that is akin to IT management but different from IT management. This group of questions provides some indications as to whether the capability is available and applied. Note: To be effective, an asset information management system requires the mobilisation of technology, people and process(es) that create, secure, make available and destroy the information required to support the asset management system.	The organisation's strategic planning team. The management team that has overall responsibility for asset management. Information management team. Operations, maintenance and engineering managers	Details of the process the organisation has employed to determine what its asset information system should contain in order to support its asset management system. Evidence that this has been effectively implemented.

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19		How does the organisation maintain its asset management information system(s) and ensure that the data held within it (them) is of the requisite quality and accuracy and is consistent?	1	The organisation has controls in place to ensure asset data quality and accuracy are suitable for operational business processes. However building our capability to ensure high quality management of all asset information across the assets entire life-cycle is our long term goal.	2	Publish our asset information principles consistent with enterprise information management project under development by the wider group business.	The response to the questions is progressive. A higher scale cannot be awarded without achieving the requirements of the lower scale.  This question explores how the organisation ensures that information management meets widely used AM practice requirements.	The management team that has overall responsibility for asset management. Users of the organisational information systems.	The asset management information system, together with the policies, procedure(s), improvement initiatives and audits regarding information controls.
20		How has the organisation's ensured its asset management information system is relevant to its needs?	1	Operational business process data is reviewed when legacy systems are retired or operational business processes are automated, this includes asset information and is typically on a project by project basis.	2	Senior management were asked to participate in an enterprise information management capability survey. Senior management were asked to review the suitability of our information management system in terms of people, process and technology. The results of the survey will indicate the degree to which the system is relevant to our needs.	Widely used AM standards need not be prescriptive about the form of the asset management information system, but simply require that the asset management information system is appropriate to the organisations needs, can be effectively used and can supply information which is consistent and of the requisite quality and accuracy.	The organisation's strategic planning team. The management team that has overall responsibility for asset management. Information management team. Users of the organisational information systems.	The documented process the organisation employs to ensure its asset management information system aligns with its asset management requirements. Minutes of information systems review meetings involving users.
21	Risk management process(es)	How has the organisation documented process(es) and/or procedure(s) for the identification and assessment of asset and asset management related risks throughout the asset life cycle?	1	We identify strategic and operational risks through our "Group Risk Management and Legal Compliance Framework" and annual "Fibre Business Plan" planning processes, that are regularly reviewed by senior management. Our intention is to identify asset related risks throughout the asset life cycle in our asset fleet strategies and that these inform our asset management planning and investment processes.	2	Publish an overhead fibre asset health and criticality model followed by underground. These asset health and criticality models will be used to help manage asset risk throughout the asset lifecycle as further noted in our response to Q34. Note our understanding and asset management processes for risk management of our Layer 2 assets is somewhat ahead of our Layer 1 assets, due to shorter asset lifecycles and criticality of Layer 2 assets.	Risk management is an important foundation for proactive asset management. Its overall purpose is to understand the cause, effect and likelihood of adverse events occurring, to optimally manage such risks to an acceptable level, and to provide an audit trail for the management of risks. Widely used standards require the organisation to have process(es) and/or procedure(s) in place that set out how the organisation identifies and assesses asset and asset management related risks. The risks have to be considered across all phases of the asset lifecycle.	The top management team in conjunction with the organisation's senior risk management representatives. There may also be input from the organisation's Safety, Health and Environment team. Staff who carry out risk identification and assessment.	The organisation's risk management framework and/or evidence of specific process(es) and/or procedure(s) that deal with risk control mechanisms. Evidence that the process(es) and/or procedure(s) are implemented across the business and maintained. Evidence of agendas and minutes from risk management meetings. Evidence of feedback in to process(es) and/or procedure(s) as a result of incident investigation(s). Risk registers and assessments.
22	Use and maintenance of asset risk information	How does the organisation ensure that the results of risk assessments provide input into the identification of adequate resources and training and competency needs?	1	This is set out in our "Group Risk Management and Legal Compliance Framework" roles and responsibilities section. Senior Management are responsible for implementing and periodically assessing the appropriateness of controls to mitigate risks and achieve compliance obligations and to ensure all issues and incidents.	2	Clarify in the "Group Risk Management and Legal Compliance Framework" that Senior Management are also responsible for identifying developing, implementing and maintaining competencies and training based on risk assessments.	Widely used AM standards require that the output from risk assessments are considered and that adequate resource (including staff) and training is identified to meet the requirements. It is a further requirement that the effects of the control measures are considered, as there may be implications in resources and training required to achieve other objectives.	Staff responsible for risk assessment and those responsible for developing and approving resource and training plan(s). There may also be input from the organisation's Safety, Health and Environment team.	The organisations risk management framework. The organisation's resourcing plan(s) and training and competency plan(s). The organisation should be able to demonstrate appropriate linkages between the content of resource plan(s) and training and competency plan(s) to the risk assessments and risk control measures that have been developed.
23	Legal and other requirements	What procedure does the organisation have to identify and provide access to its legal, regulatory, statutory and other asset management requirements, and how is requirements incorporated into the asset management system?	3	This is set out in our "Group Risk Management and Legal Compliance Framework". We use a compliance management solution to access, understand and report on the laws and regulations that apply via a register that includes details of all of the key legislative and regulatory obligations that apply to the business activities that we conduct.	3	We have identified the need to provide training on the compliance management solution for asset manager role and to ensure a regular asset management focused review, so that new and changing requirements can be incorporated into our asset planning processes.	In order for an organisation to comply with its legal, regulatory, statutory and other asset management requirements, the organisation first needs to ensure that it knows what they are. It is necessary to have systematic and auditable mechanisms in place to identify new and changing requirements. Widely used AM standards also require that requirements are incorporated into the asset management system (e.g. procedure(s) and process(es))	Top management. The organisations regulatory team. The organisation's legal team or advisors. The management team with overall responsibility for the asset management system. The organisation's health and safety team or advisors. The organisation's policy making team.	The organisational processes and procedures for ensuring information of this type is identified, made accessible to those requiring the information and is incorporated into asset management strategy and objectives
24	Life Cycle Activities	How does the organisation establish implement and maintain process(es) for the implementation of its asset management plan(s) and control of activities across the creation, acquisition or enhancement of assets. This includes design, modification, procurement, construction and commissioning activities?	1	The organisation has developed and now maintains a number of processes to control asset life cycle activities but there are gaps in some areas. Please note our response to Q25.	2	During the UFB network builds with Crown Infrastructure Partners we developed a fairly sophisticated and integrated set of design, supply chain, sub-contractor and financial management processes to build and connect fibre customers quickly and cost effectively. Our intention is to do the same with our asset management plan delivery processes and we will be developing a plan to identify and fill any process gaps.	Life cycle activities are about the implementation of asset management plan(s) i.e. they are the "doing" phase. They need to be done effectively and well in order for asset management to have any practical meaning. As a consequence, widely used standards require organisations to have in place appropriate process(es) and procedure(s) for the implementation of asset management plan(s) and control of lifecycle activities. This question explores those aspects relevant to asset creation.	Asset managers, design staff, construction staff and project managers from other impacted areas of the business, e.g. Procurement	Documented process(es) and procedure(s) which are relevant to demonstrating the effective management and control of life cycle activities during asset creation, acquisition, enhancement including design, modification, procurement, construction and commissioning.

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25			How does the organisation ensure that process(es) and/or procedure(s) for the implementation of asset management plan(s) and control of activities during maintenance (and inspection) of assets are sufficient to ensure activities are carried out under specified conditions, are consistent with asset management strategy and control cost, risk and performance?	1	Our asset maintenance and inspection activities are controlled at strategic level and through 3rd party maintenance contracts and field audits. We are aware of the need to develop asset maintenance strategies and plans for each asset type and the processes to support the delivery of these	2	Publish asset maintenance strategies and plans for major asset categories like aerial and underground fibre cables. Layer 2 maintenance strategies are in place and will be reviewed annually.	Having documented process(es) which ensure the asset management plan(s) are implemented in accordance with any specified conditions, in a manner consistent with the asset management policy, strategy and objectives and in such a way that cost, risk and asset system performance are appropriately controlled is critical. They are an essential part of turning intention into action.	Asset managers, operations managers, maintenance managers and project managers from other impacted areas of the business	Documented procedure for review. Documented procedure for audit of process delivery. Records of previous audits, improvement actions and documented confirmation that actions have been carried out.
26	Performance and condition monitoring		How does the organisation measure the performance and condition of its assets?	1	We routinely measure and report aggregate network performance. We are aware of the need to identify asset performance measures that are linked to our asset management objectives. Asset condition assessments are an area we would like to start to develop for certain asset categories such as cabinets and manholes.	2	Publish our asset fleet strategies for major asset categories which includes asset performance measures linked to our asset management objectives.	Widely used AM standards require that organisations establish implement and maintain procedure(s) to monitor and measure the performance and/or condition of assets and asset systems. They further set out requirements in some detail for reactive and proactive monitoring, and leading/lagging performance indicators together with the monitoring or results to provide input to corrective actions and continual improvement. There is an expectation that performance and condition monitoring will provide input to improving asset management strategy, objectives and plan(s).	A broad cross-section of the people involved in the organisation's asset-related activities from data input to decision-makers, i.e. an end-to-end assessment. This should include contactors and other relevant third parties as appropriate.	Functional policy and/or strategy documents for performance or condition monitoring and measurement. The organisation's performance monitoring frameworks, balanced scorecards etc. Evidence of the reviews of any appropriate performance indicators and the action lists resulting from these reviews. Reports and trend analysis using performance and condition information. Evidence of the use of performance and condition information shaping improvements and supporting asset management strategy, objectives and plan(s).
27	Investigation of asset-related failures, incidents and nonconformities		How does the organisation ensure responsibility and the authority for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformances is clear, unambiguous, understood and communicated?	1	Investigation and mitigation of Layer 2 asset-related failures, incidents and non-conformities is the responsibility of our Network Engineer. The organisation is aware of the need to clarify Service Delivery Manager and Asset Managers responsibilities in the same areas for its Layer 1 assets.	2	We will clarify Service Delivery Manager and Asset Manager responsibilities for handling, investigation and mitigation of asset related failures, incidents and emergency situations in role descriptions.	Widely used AM standards require that the organisation establishes implements and maintains process(es) for the handling and investigation of failures incidents and non-conformities for assets and sets down a number of expectations. Specifically this question examines the requirement to define clearly responsibilities and authorities for these activities, and communicate these unambiguously to relevant people including external stakeholders if appropriate.	The organisation's safety and environment management team. The team with overall responsibility for the management of the assets. People who have appointed roles within the asset-related investigation procedure, from those who carry out the investigations to senior management who review the recommendations. Operational controllers responsible for managing the asset base under fault conditions and maintaining services to consumers. Contractors and other third parties as appropriate.	Process(es) and procedure(s) for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformances. Documentation of assigned responsibilities and authority to employees. Job Descriptions, Audit reports. Common communication systems i.e. all Job Descriptions on Internet etc.
28	Audit		What has the organisation done to establish procedure(s) for the audit of its asset management system (process(es))?	1	We are aware of the need to audit our asset management processes and capability. We have undertaken an internal and external review of our asset management capability and will be reviewing our asset management processes more formally going forwards.	2	Senior management are responsible for developing, implementing and maintaining auditing of our asset management processes and these processes are aligned and integrated with our audit and risk committee processes for the wider business.	This question seeks to explore what the organisation has done to comply with the standard practice AM audit requirements.	The management team responsible for its asset management procedure(s). The team with overall responsibility for the management of the assets. Audit teams, together with key staff responsible for asset management. For example, Asset Management Director, Engineering Director. People with responsibility for carrying out risk assessments	The organisation's asset-related audit procedure(s). The organisation's methodology(s) by which it determined the scope and frequency of the audits and the criteria by which it identified the appropriate audit personnel. Audit Schedules, reports etc. Evidence of the procedure(s) by which the audit results are presented, together with any subsequent communications. The risk assessment Schedule or risk registers.
29	Corrective & Preventative action		How does the organisation instigate appropriate corrective and/or preventive actions to eliminate or prevent the causes of identified poor performance and non-conformance?	2	For our Layer 1 assets we follow this general process: 1. Poor performance pattern or trend observed 2. Root cause analysis undertaken. 3. Identify some options to fix and evaluate option against business strategies and current maintenance strategy 4. Select best option then plan, schedule and execute the planned project or new PM regime. Specific recent examples include poor performing stainless steel cable hangers and XSC fibre splice enclosures.	3	Publish network inspection standard for overhead network assets to identify poor asset performance or non-conformances. Asset Manager responsible for regularly reporting inspection and asset failure results to the business and addressing poor asset performance.	Having investigated asset related failures, incidents and non-conformances, and taken action to mitigate their consequences, an organisation is required to implement preventative and corrective actions to address root causes. Incident and failure investigations are only useful if appropriate actions are taken as a result to assess changes to a businesses risk profile and ensure that appropriate arrangements are in place should a recurrence of the incident happen. Widely used AM standards also require that necessary changes arising from preventive or corrective action are made to the asset management system.	The management team responsible for its asset management procedure(s). The team with overall responsibility for the management of the assets. Audit and incident investigation teams. Staff responsible for planning and managing corrective and preventive actions.	Analysis records, meeting notes and minutes, modification records. Asset management plan(s), investigation reports, audit reports, improvement programmes and projects. Recorded changes to asset management procedure(s) and process(es). Condition and performance reviews. Maintenance reviews

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30	Continual Improvement		How does the organisation achieve continual improvement in the optimal combination of costs, asset related risks and the performance and condition of assets and asset systems across the whole life cycle?	1	We have adopted a continuous improvement culture within our teams and our sub-contractors and are widely know for this within our wider business and industry. We communicate and celebrate our continuous improvements as a whole team and there is strong leadership support in place.	2	Primarily Asset Manager along with other Senior Mangers responsible for developing asset management continuous improvement culture and supporting processes aligned with our existing continuous improvement processes and asset management objectives.	Widely used AM standards have requirements to establish, implement and maintain process(es)/procedure(s) for identifying, assessing, prioritising and implementing actions to achieve continual improvement. Specifically there is a requirement to demonstrate continual improvement in optimisation of cost risk and performance/condition of assets across the life cycle. This question explores an organisation's capabilities in this area—looking for systematic improvement mechanisms rather than reviews and audit (which are separately examined).	The top management of the organisation. The manager/team responsible for managing the organisation's asset management system, including its continual improvement. Managers responsible for policy development and implementation.	Records showing systematic exploration of improvement. Evidence of new techniques being explored and implemented. Changes in procedure(s) and process(es) reflecting improved use of optimisation tools/techniques and available information. Evidence of working parties and research.
31			How does the organisation seek and acquire knowledge about new asset management related technology and practices, and evaluate their potential benefit to the organisation?	3	We are an active participant in our industry working groups such as the TCF forum and specialist Layer 2 conferences. We regularly meet with and discuss our asset management practices internally with our Electricity Distribution Business. We also discuss our asset management practice with external asset managers including, District Councils and local Transport Alliance members.	3	Continue to be active participant in industry working groups. Use new regulatory regime and industry wide disclosure information to baseline our asset performance, costs and risks against our peers. Identify and target any areas for improvement.	One important aspect of continual improvement is where an organisation looks beyond its existing boundaries and knowledge base to look at what 'new things are on the market'. These new things can include equipment, process(es), tools, etc. An organisation which does this will be able to demonstrate that it continually seeks to expand its knowledge of all things affecting its asset management approach and capabilities. The organisation will be able to demonstrate that it identifies any such opportunities to improve, evaluates them for suitability to its own organisation and implements them as appropriate. This question explores an organisation's approach to this activity.	The top management of the organisation. The manager/team responsible for managing the organisation's asset management system, including its continual improvement. People who monitor the various items that require monitoring for 'change'. People that implement changes to the organisation's policy, strategy, etc. People within an organisation with responsibility for investigating, evaluating, recommending and implementing new tools and techniques, etc.	Research and development projects and records, benchmarking and participation knowledge exchange professional forums. Evidence of correspondence relating to knowledge acquisition. Examples of change implementation and evaluation of new tools, and techniques linked to asset management strategy and objectives.

**SECTION 2 - DESCRIPTION OF PRACTICES FOR COLLECTING AND MANAGING NETWORK ASSET DATA, MAKING RISK-BASED DECISIONS AND MANAGING COST ESTIMATION MODELS**

Question No.	Function	Standard Ref. (For guidance only)	Scope/purpose of description	Evidence—Summary	User Guidance	Description of Practices	
32	Describe how the business plans to systematise processes for collecting and collating network asset data, including data supplied by contractors and other third parties (note - target score and initiatives must be reported under 25 above).	ISO 55002, 7.5	Describe whether asset condition information is being captured in its systems in a consistent way so that when the data is extracted, it is meaningful and reliable. Describe what it has put in place by way of processes to achieve this, including how the business intends to ensure consistent and systematic data collection from third party providers who may be engaged in maintenance activities.	Geographic Information System (GIS) Data Model and Data Quality Assurance processes. As-Built Data Sheets. Mobile Workforce Applications and interfaces with GIS.	N/A	Blank	Asset age data is being captured in a fairly consistent way and there are processes in place to ensure this for Layer 1 assets in our Geographic Information System (GIS). Our asset base consists almost entirely of newly-built UFB assets, less than 11 years old. As such we consider age is reasonable proxy for our assets condition and we note that this is supported by very high network performance measures consistent with assets in good condition. We intend to take a cautious approach to incorporating asset condition data into our investment planning processes as there is potential for under or over investment if asset condition data is subjectively assessed and is inconsistent or inaccurate. Having said that the organisation is working collectively with the business on asset condition data requirements so that it can develop the necessary consistency and accuracy needed for our investment planning processes and asset categories.
33	Describe how the business plans to improve knowledge of network asset condition so that assets are replaced in a timely manner (note - target score and initiatives must be reported under 25 above).	ISO 55000, 6.2	Asset replacement decision making should be a key asset management objective and it should be informed by asset condition data to ensure assets are not replaced to late or too early. Asset condition based decision making also supports expenditure forecasts and reliable asset management plans	Senior Management established new Fibre Inspector role in FY23.	N/A	Blank	As we noted in Q32 we intend to take a cautious approach to incorporating asset condition data into our investment planning processes. Cabinet inspections are being carried out and supporting maintenance documentation is being developed (our intention is to do manholes next, then overhead network assets). Some asset condition data and grading is being recorded to support our asset condition understanding but this is not ready for use in our asset replacement expenditure forecasts until the asset condition data is accurate and consistent enough to produce accurate forecasts. In the meantime, our intention is to develop and maintain statistical models using asset age and asset expected life data (which is generally much more accurate and consistent across all our asset categories right now) for our asset replacement expenditure forecasts.

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34	Describe how the business plans to, where appropriate, develop and improve asset health models so that they are informed by network asset condition data. (note - target score and initiatives must be reported under 25 above)	ISO 55002, 6.2	Asset health models are key to ensuring that asset replacements can be made in a timely manner and that expenditure forecasts are more robust. In some cases age-based volumetric models, informed by asset outage rates may be more appropriate but where asset health models can be reasonably developed, they should be.	Stainless Steel Cable Hanger Replacement Project Documents, XSC Fibre Optic Splice Closure Replacement Project Documents. EEA's Asset Health Indicator (AHI) Guide - 2016.	N/A	Blank	The organisation is considering what 'asset health' models could be reasonably developed for it's asset fleets. We've identified the need for batch based replacement forecasts for our stainless steel cable hangers and XSC fibre optic splice closures we've identified through faults and follow-up inspections that a specific batch of the product are performing poorly due to faster corrosion rates. In addition to looking at developing our own asset health models, we believe their may be scope to develop these models in an industry working group, similar to Electricity Engineers' Association NZ Asset Management Working Group the developed the Asset Health Indicator Guide for the Electricity industry. We would be happy to be an active participant in such a group.
35	Describe how the business plans to ensure that there is a clear line-of-sight from asset condition data through to the expenditure forecasts and financial reporting. (note - target score and initiatives must be reported under 25 above).	ISO 55002, 9.1	Systematised asset management systems should ensure that there is consistency and traceability of technical asset information and condition data, through to the financial systems. This will support robust expenditure forecasting and decision making.  This is consistent with ISO 55002 section 9.1	Annual Fibre Business Plan, 10-year Group Financial Model, Project Documents, monthly financial schedules and month end finance report.	N/A	Blank	Senior Management are aware of the need to have clear line of sight between asset condition data and our financial forecasts. We are confident that our project costs are well monitored and controlled for the UFB build stages with CIP and that we have captured early asset lifecycle information such as the asset, it's location and it's age accurately. Senior management are actively involved in the 10-year investment planning processes and share this information. As we have noted in Q32-33 we intend to capture asset condition data albeit cautiously and we aware of the need for recoding this for traceability to our asset investment decisions.
36	Describe how it plans to ensure it has an audited and regularly-maintained platform for sharing network asset data with internal and external stakeholders	ISO 55002, 2.5 and 8.3.2 (e)	Ensuring that asset and network data is verifiably accurate and enabling platforms for accessing that data made available to internal staff and thrid party providers will improve asset management outcomes.	Geographic Information System (GIS) Data Model and Data Quality Assurance processes. Mobile Workforce Applications and Interfaces with GIS including our Fibre and Contractor Management Consoles (FMC/CMC)	N/A	Blank	We review the data we collect and share in our web based applications for internal staff, retailers and contractors requesting or doing work on our network. These web based applications have been developed internally to match our operational business processes over time and include asset and network data. We think there may be scope to audit this information more formally.
37	Describe how the business plans to test its asset and network performance, evaluate whether it is achieving its asset management policies and objectives, and identify ways to improve the performance of its network.	ISO 55000, 9.1	The asset management system should use monitored and measured data to obtain information regarding asset and network performance. This should be used to evaluate whether the asset management policies and objectives are being met, and identify corrective actions and areas for improvement.	Network Monitoring, Monthly Reporting, Senior Management Deep Dive Sessions. Annual Fibre Business Plan and information Disclosure Reporting.	N/A	Blank	Senior Management will continue to review performance measures monthly and take corrective action taken if network or asset performance starts to degrade.



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38	Describe how the business intends to develop its asset criticality understanding, and how this informs its asset replacement and renewal strategies.	ISO 55002, 6.2.2.3 and 6.2.2.4	Understanding asset criticality and the impact that asset has on supply reliability if it fails is a key input into intervention prioritisation.	Geographic Information System (GIS) Data and Connectivity Model. Mobile Workforce Applications and Interfaces with GIS including our Fibre and Contractor Management Consoles (FMC/CMC). EEA's Asset Criticality Guide.	N/A	Blank	We've addressed this in Q21 under planned initiatives.
39	Describe how the business intends to improve its network asset risk framework so it can make risk-based decisions, including where appropriate, risk-based decisions based on reliability risk, environmental risk, high-impact low-probability event risk, and safety risk.	ISO 55002, 6.2.2.3 and 6.2.2.4	The risk spectrum includes a wide range of risk considerations such as expected event risk, due to asset reliability events, through to unexpected HILP events that may involve multi-asset long duration outages for events such as earthquakes or floods. Safety risk involves asset failures in the proximity of staff or the public, and environmental risk may involve asset failure that has an environmental impact. A comprehensive risk framework will provide a platform for these risk considerations to inform risk mitigation strategies and expenditure decisions.	Group Risk Management and Legal Compliance Framework. Fibre Business Plan.	N/A	Blank	Our intention is to identify asset related risks throughout the asset life cycle in our asset fleet strategies and that these controlled documents inform our asset management planning and investment processes. We believe the development and maintenance of our asset fleet strategies will be a key part of our network asset risk framework.
40	Describe how the business is developing practices to identify and mitigate safety risks including the use of a framework such as ALARP to prioritise identified safety risks and to justify investments to mitigate those risks.	ISO 55002, 6.2.2.3 and 6.2.2.4 and clause 22 of the Health and Safety at Work Act 2015	Risk calculations related to safety risk should be sufficiently explicit for decision makers to understand relative asset and network related safety risks, risk prioritisation, and the economic decision making surrounding mitigations if these are to provide risk controls above levels required by network design standards and statutory requirements.	Group Risk Management and Legal Compliance Framework, Northpower Group Risk Appetite Statement, Health and Safety Strategy, Critical Risk Management Framework, Critical Risk Controls. Fibre Business Plan.	N/A	Blank	Northpower's critical risks and controls frameworks is used to manage safety risks. Northpower's board approved group risk appetite statement provides guidance around ALARP for each high-level strategic objectives.
41	Describe how the business plans to routinely audit, update, and manage its cost estimation models.		Project and programme costs estimation is a key component of robust asset and project investment decision making.	Timesheets, scheduled rates, capex request forms, project cost information and month end finance reports.	N/A	Blank	Leadership team regularly review cost estimates and cost estimate models from bottom-up using time sheets, supplier invoices or top-down annually, at contract start/renewal or when unexpected variances in labour materials and plant.
42	Describe how the business plans use actual costs of completed capital expenditure and operating expenditure projects and programmes, to improve future cost estimates.		Using actual project and programme costs to review estimates will help ensure that future forecasts are likely to be more accurate and drive efficiencies.	Timesheets, scheduled rates, capex request forms, project cost information and year end finance reports.	N/A	Blank	Leadership team has accurate actual cost data per build stage (urban densities) and connection types (underground, overhead) that is used to improve future cost estimates and compare cost efficiencies between builds (i.e. current RCU build vs. UFB2++ build)

Company Name **Northpower Fibre Limited**

AMP Planning Period **2023-2027 (CY+3)**

Asset Management Standard Applied

**SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY**

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

43	Describe how the business plans to ensure capital expenditure and operating expenditure projects and programmes are efficiently delivered and implemented, and meet applicable industry standards.			Fibre Business Plan, Contractor Management Framework, Project Management Capability and Audits	N/A	Blank	Senior Management will continue to ensure a skilled workforce is delivering the work and that our work management processes are initiating, planning and scheduling work efficiently. Senior Management will continue to ensure strong project governance for network build projects with Service Delivery Manager responsible for delivery efficiency of these large projects.
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